



Attorney's Docket No.: H0498/7095 TJO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Julie E.M. McGeoch et al.  
Serial No.: 09/844,516  
Filed: April 27, 2001  
For: BIOLOGICAL ION CHANNELS IN NANOFABRICATED DETECTORS  
Art Unit: 1723  
Examiner: Not Yet Assigned

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231, on the 24<sup>th</sup> day of July, 2001.

  
Joan E. Meagher

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

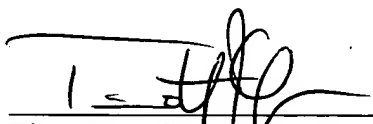
Transmitted herewith are the following documents:

- ☒ Preliminary Amendment with marked-up sheet
- ☒ Return Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No fee is believed due. If a fee is occasioned or if extensions of time are necessary, please charge the balance to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,



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Docket No. H0498/7095  
Date: July 24, 2001

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1723



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Art Unit: ~~1723~~ 1743  
Examiner: ~~Not Yet Assigned~~ NogucRale

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

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Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Before the first action in this case, please enter the following preliminary amendment.

**In the Claims**

Please rewrite the claims as shown:

A1 51 ~~(Amended)~~ A device as in claim 50, wherein the barrier includes an electrical insulator.

A2 54 ~~(Amended)~~ A device as in claim 53, including a hole spanned by an insulating membrane containing a pore.

55 ~~(Amended)~~ A device as in claim 53, including a subunit c of ATP synthase or a derivative.

**REMARKS**

Before a first action in this case, the Applicants respectfully request entry and consideration of the foregoing amendments.

This application should now be in condition for allowance. A notice to this effect is respectfully requested. If the Examiner believes, after this amendment, that the application is not in